CLAIMS (**AMENDED**):

1. (presently amended) A system for drafting a patent application and assessing technological information <u>on at least one computer, the system</u> comprising:

a. at least one input device connected to <u>the</u> at least one computer ~~and at least one output device, wherein at least one user is capable of~~ <u>for</u> inputting information <u>from at least one user</u> ~~via the at least one input device to the at least one computer and viewing information on the at least one output device, and wherein the at least one computer is capable of storing, modifying, outputting, and retrieving information in communication with the at least one input device and at least one output device; and,~~

b. <u>at least one processing means for</u> ~~software installed and capable of running on the at least one computer for~~ automatically generating a <u>diagrammatic representation of an invention, wherein the diagrammatic representation includes a</u> hierarchical component categorization <u>of the technical components of the invention</u> based upon the <u>information inputted by the at least one user,</u> ~~inputted information~~ and ~~outputting a viewable diagram of that categorization and~~ for automatically generating a document for filing as a patent application, including specification and claims, based upon the <u>information inputted by the at least one</u> user ~~inputted information~~ and additional text-based detailed information that is organized consistent with the diagram; wherein the hierarchical component categorization includes at least one key component and at least one subcomponent related thereto~~.~~<u>, wherein the diagrammatic representation of the components and</u>

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subcomponents together provides an indication of what may be claimed in a

patent application, and

c. at least one output device connected to the at least one computer for outputting the

automatically generated diagrammatic representation of an invention.

2. (original) The system according to claim 1, wherein the diagram is modifiable by

the at least one user and the diagram hierarchical component categorization and

related text-based detailed information is automatically updated based upon the user

modifications.

3. (original) The system according to claim 1, wherein the at least one key

component includes a multiplicity of components.

4. (original) The system according to claim 1, wherein the at least one

subcomponent further includes at least one sub-subcomponent.

5. (original) The system according to claim 1, wherein the relational connection

between components establishes the claims structure of the patent application.

6. (original) The system according to claim 1, wherein the text-based information

and the diagram components are automatically linked.

7. (original) The system according to claim 6, wherein the link(s) are hyperlinks.

8. (original) The system according to claim 1, wherein the document and diagram

are capable of being output into another software program.

9. (original) The system according to claim 1, wherein the document and diagram

are exportable in HTML format.

10. (original) The system according to claim 1, wherein the document and diagram

are exportable in XML format.

11. (presently amended) A method for drafting a patent application comprising the

steps of:

a. ~~at least one user~~ entering information relating to components of a patentable

invention <u>by at least one user</u>;

b. ~~a system~~ automatically generating a visual diagram of the components of the

invention in a hierarchical relational diagram, ~~wherein the system includes at least~~

~~one input device connected to at least one computer and at least one output device,~~

~~wherein at least one user is capable of inputting information via the at least one input~~

~~device to the at least one computer and viewing information on the at least one output~~

~~device, and wherein the at least one computer is capable of storing, modifying,~~

~~outputting, and retrieving information in communication with the at least one input~~

~~device and at least one output device; and software installed and capable of running~~

~~on the at least one computer for automatically generating~~ <u>wherein the visual diagram</u>

<u>is</u> a ~~diagrammatic representation of an invention, wherein the diagrammatic~~

<u>representation includes a</u> hierarchical component categorization <u>of the technical</u>

<u>components of the invention</u> based upon the user inputted information ~~and outputting~~

~~a viewable diagram of that categorization~~ and ~~for~~ automatically generating a

document for filing as a patent application, including specification and claims, based

upon the user inputted information and additional text-based detailed information that

is organized consistent with the diagram; wherein the hierarchical component

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categorization includes at least one key component and at least one subcomponent related thereto; and

c. the at least one user viewing the diagram and text-based information in a tangible medium; , wherein the diagrammatic representation of the components and subcomponents together provides an indication of what may be claimed in a patent application.

12.   (presently amended) The method according to claim 11, further including the step of:

at least one user entering diagram ~~verbage~~ verbiage by drafting the text-based detailed description or ~~verbage~~ verbiage of the specification section of the application for each component of the diagram.

13. (original) The method according to claim 11, further including the step of:

at least one user inputting additional components selected from the group consisting of key components, subcomponents, and sub-subcomponents.

14.   (original) The method according to claim 11, further including the steps of:

modifying any previously inputted components within the diagram; and

the system automatically updating the diagram and relational information to those modified components.

15. (original) The method according to claim 11, further including the step of

automatically generating a patent application based upon the inputted information and the hierarchical diagram, including specification and claims.

16.   (presently amended) A system for mapping technology using at least one

computing device, comprising:

a. at least one input device connected to the at least one computing device computer

and at least one output device, wherein at least one user is capable of for inputting

information from at least one user via the at least one input device to the at least one

computer and viewing information on the at least one output device, and wherein the

at least one computer is capable of storing, modifying, outputting, and retrieving

information in communication with the at least one input device and at least one

output device; and,

b. at least one processing means for software installed and capable of running on the

at least one computer for automatically generating a diagrammatic representation of a

technology, wherein the diagrammatic representation includes a hierarchical

component categorization of the technical components of the technology based upon

the information inputted by the at least one user, inputted information and outputting

a viewable diagram of that categorization; wherein the hierarchical component

categorization includes at least one key component and at least one subcomponent

related thereto, and

c. at least one output device connected to the at least one computing device for

outputting the automatically generated diagrammatic representation of a technology.

17.   (presently amended) A method for mapping technology comprising the steps

of:

a. at least one user entering information relating to components of a technology by at

least one user;

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<u>b.</u> ~~a system~~ automatically generating a visual diagram of the components of the

technology in a hierarchical relational diagram, ~~wherein the system includes at least~~

~~one input device connected to at least one computer and at least one output device,~~

~~wherein at least one user is capable of inputting information via the at least one input~~

~~device to the at least one computer and viewing information on the at least one output~~

~~device, and wherein the at least one computer is capable of storing, modifying,~~

~~outputting, and retrieving information in communication with the at least one input~~

~~device and at least one output device; and software installed and capable of running~~

~~on the at least one computer for automatically generating~~ wherein the visual diagram

<u>is</u> a diagrammatic representation of a technology, wherein the diagrammatic

representation includes a hierarchical component categorization of the technical

components of the technology based upon the user inputted information and

outputting a viewable diagram of that categorization; wherein the hierarchical

component categorization includes at least one key component and at least one

subcomponent related thereto; and

<u>c.</u> the at least one user viewing the diagram and text-based information in a tangible

medium.

18.   (presently amended) A system for examining a patent application <u>using at least</u>

<u>one computing device,</u> comprising:

<u>a.</u> at least one input device connected to <u>the</u> at least one computing device ~~computer~~

~~and at least one output device, wherein at least one user is capable of~~ <u>for</u> inputting

information <u>from at least one patent applicant</u> ~~via the at least one input device to the~~

~~at least one computer and viewing information on the at least one output device, and~~

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wherein the at least one computer is capable of storing, modifying, outputting, and

retrieving information in communication with the at least one input device and at

least one output device; and,

b. at least one processing means for software installed and capable of running on the

at least one computer for automatically generating a diagrammatic representation of

an invention, wherein the diagrammatic representation includes a hierarchical

component categorization of the technical components of the invention based upon

the information inputted by the at least one patent applicant's inputted information

and outputting a viewable diagram of that categorization for a patent examiner to

review the diagram as part of the examination of a patent application, wherein the

diagram provides a substantive and hierarchical representation of the claims as

written in the patent application; wherein the hierarchical component categorization

includes at least one key component and at least one subcomponent related thereto,

wherein the diagrammatic representation of the components and subcomponents

together provides an indication of what is claimed in the patent application, and

c. at least one output device connected to the at least one computing device for

outputting a viewable diagram of the hierarchical component categorization for a

patent examiner to review the diagram as part of the examination of a patent

application.

19.   (presently amended) A method for examining a patent application comprising

the steps of:

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a. at least one user entering information relating to the claims of a potentially

patentable invention, as represented in a patent application by at least one patent

applicant;

b. a system automatically generating a visual diagram of components of the invention

in a hierarchical relational diagram, wherein the diagram includes technical

components from the claims of the patent application, as well as the hierarchical

relationship of the claims to each other;

wherein the system includes at least one input device connected to at least one

computer and at least one output device, wherein at least one user is capable of

inputting information via the at least one input device to the at least one computer and

viewing information on the at least one output device, and wherein the at least one

computer is capable of storing, modifying, outputting, and retrieving information in

communication with the at least one input device and at least one output device; and

software installed and capable of running on the at least one computer for

automatically generating wherein the visual diagram is a diagrammatic representation

of an invention, wherein the diagrammatic representation includes a hierarchical

component categorization of the technical components of the invention based upon

the patent applicant's inputted information and outputting a viewable diagram of that

categorization for a patent examiner to review the diagram as part of the examination

of a patent application; wherein the diagram provides a substantive and hierarchical

representation of the claims as written in the patent application; wherein the

hierarchical component categorization includes at least one key component and at

least one subcomponent related thereto, wherein the diagrammatic representation of

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the components and subcomponents together provides an indication of what is

claimed in the patent application, and

c. at least one patent examiner viewing the diagram of the categorization for a patent

application as part of the examination of a patent application.

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